International application No.

		. FC1/0F2	004/011887			
A. CLASSIFIC, Int.Cl ⁷	ATION OF SUBJECT MATTER B60C19/00, B60C23/04, B60C23/0	06				
	mational Patent Classification (IPC) or to both national	classification and IPC				
B. FIELDS SEA	ARCHED entation searched (classification system followed by clas	sification symbols)				
Int.Cl ⁷	B60C19/00, B60C23/04, B60C23/0	06				
Jitsuyo Kokai Ji	Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1926–1996 Toroku Jitsuyo Shinan Koho 1994–2004 Kokai Jitsuyo Shinan Koho 1971–2004 Jitsuyo Shinan Toroku Koho 1996–2004 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
		and oase and, where placticable, search te				
C. DOCUMEN	TS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where app	•	Relevant to claim No.			
X Y A X Y A	JP 2002-331813 A (Societe de Michelin), 19 November, 2002 (19.11.02), Claims; drawings & EP 1231120 A1 & FR & CA 2370459 A US 5864056 A (Larry d. BELL), 26 January, 1999 (26.01.99), Claims; drawings (Family: none)	2820501 A	1,3,5 2,4,6 7-15 1,3,4 2,6 7-15			
* Special cate "A" document of to be of part "E" earlier applifiling date "L" document voited to est special rease "O" document re "p" document p the priority Date of the actual 15 Octor	ocuments are listed in the continuation of Box C. gories of cited documents: lefining the general state of the art which is not considered ticular relevance location or patent but published on or after the international which may throw doubts on priority claim(s) or which is ablish the publication date of another citation or other on (as specified) eferring to an oral disclosure, use, exhibition or other means ublished prior to the international filing date but later than date claimed al completion of the international search ober, 2004 (15.10.04) ng address of the ISA/ se Patent Office	See patent family annex. "T" later document published after the int date and not in conflict with the applic the principle or theory underlying the "X" document of particular relevance; the considered novel or cannot be consistep when the document is taken alone "Y" document of particular relevance; the considered to involve an inventive combined with one or more other such being obvious to a person skilled in the "&" document member of the same patent Date of mailing of the international sea 02 November, 2004 Authorized officer Telephone No.	cation but cited to understand invention claimed invention cannot be idered to involve an inventive e claimed invention cannot be a step when the document is h documents, such combination he art family			
Facsimile No. Telephone No. Form PCT/ISA/210 (second sheet) (January 2004)						
1/01111 FC1/13/4/2	to (second sheet) (salidary 2004)					

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X	·		PCT/JP2004/011887	
X	C (Continuation).	DOCUMENTS CONSIDERED TO BE RELEVANT		
Y Unternehmensgruppe, TÜV Süddeutschland), 08 May, 2003 (08.05.03), Claims; drawings & EF 1279526 A2 & US 2003/21330 A1 Y JP 2003-54228 A (Sumitomo Rubber Industries, Ltd.), 26 February, 2003 (26.02.03), Claims; Par. Nos. [0004] to [0006] (Family: none) Y JP 2003-54229 A (TRW Inc.), 26 February, 2003 (26.02.03), Claims; drawings & EP 1281950 A2 & US 2003/6893 A1 Y JP 9-188113 A (Michelin Recherche et A Technique S.A.), 22 July, 1997 (22.07.97), Claims; Par. Nos. [0025] to [0029], [0032] & US 5749984 A & CA 2189688 A A JP 2003-65871 A (Nissan Motor Co., Ltd.), 05 March, 2003 (05.03.03), Claims; Par. Nos. [0021], [0025] to [0029], [0039] (Family: none)	Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.
Ltd.), 26 February, 2003 (26.02.03), Claims; Par. Nos. [0004] to [0006] (Family: none) Y		Unternehmensgruppe, TÜV Süddeutschland), 08 May, 2003 (08.05.03), Claims; drawings	Al	1 6
26 February, 2003 (26.02.03), Claims; drawings & EP 1281950 A2 & US 2003/6893 A1 Y	Y	Ltd.), 26 February, 2003 (26.02.03), Claims; Par. Nos. [0004] to [0006]	ries,	4
Technique S.A.), 22 July, 1997 (22.07.97), Claims; Par. Nos. [0025] to [0029], [0032] & US 5749984 A & CA 2189688 A A JP 2003-65871 A (Nissan Motor Co., Ltd.), 05 March, 2003 (05.03.03), Claims; Par. Nos. [0021], [0025] to [0029], [0039] (Family: none)	Y	26 February, 2003 (26.02.03), Claims; drawings		4
05 March, 2003 (05.03.03), Claims; Par. Nos. [0021], [0025] to [0029], [0039] (Family: none)		Technique S.A.), 22 July, 1997 (22.07.97), Claims; Par. Nos. [0025] to [0029], [003	2]	7-15
	A	05 March, 2003 (05.03.03), Claims; Par. Nos. [0021], [0025] to [002 [0039]		1,6-15

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Box No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
1. Claims	al search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: s Nos.: se they relate to subject matter not required to be searched by this Authority, namely:
becaus	s Nos.: se they relate to parts of the international application that do not comply with the prescribed requirements to such an that no meaningful international search can be carried out, specifically:
	s Nos.: se they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
A mat lead surface on the search 2002-3 Con a speciment (contuing land) 1. X As all claims 2. As all any add 3. As on As on	hal Searching Authority found multiple inventions in this international application, as follows: hatter common to claims 1-15 is a sensor-incorporated tire having list two tire input detection means that detect an input from a road the acting on a tire tread unit and are attached in a tread rubber the radial-direction outer side of a tire belt layer. However, our has found that this sensor-incorporated tire is disclosed in JP 331813, US 5864056, JP 2003-127628 and therefore is not novel. The sequently, the common matter (sensor-incorporated tire) is not real technical feature within the meaning of PCT Rule 13.2, second face, since the sensor-incorporated tire makes no contribution over funded to extra sheet.) The required additional search fees were timely paid by the applicant, this international search report covers all searchable diditional fee. The searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of diditional fee. The searchable claims for which fees were paid, specifically claims Nos.:
	quired additional search fees were timely paid by the applicant. Consequently, this international search report is cited to the invention first mentioned in the claims; it is covered by claims Nos.:
Acmaik on Pr	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

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Continuation of Box No.III of continuation of first sheet(2)

the prior art.

Therefore, there exists no matter common to all the claims. Accordingly, the number of inventions in the international application is two, that is, the inventions in claims 1-5 relating to a sensor-incorporated tire and the inventions in claims 6-15 relating to a method of estimating tire conditions from contact lengths at at least two locations on the tire tread unit.